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PATENT

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Washington, D.C. 20231 on April 17, 2002

William R. Allen, Ph.D., Reg. No. 48,389

17 April 2002

Date

Applicants:

James Scott Tyler

Serial No:

10/030,723

Filed:

January 11, 2002

Group Art Unit:

Unknown

Examiner:

Unknown HIGH SPEED SYMMETRICAL PLASMA TREATMENT

Title: Atty Docket:

NOR-933A

Cincinnati, Ohio 45202

April 17, 2002

Assistant Commissioner for Patents Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of candor and good faith imposed by 37 C.F.R. §1.56, and means of complying therewith according to 37 C.F.R. §\$1.97 and 1.98, the references listed on the attached Form PTO-1449 are called to the attention of the United States Patent and Trademark Office in connection with the above-identified patent application. Copies of the cited references are enclosed herewith and Applicant requests that the Examiner

consider the cited references and make an independent evaluation of their materiality.

It is submitted that none of the cited references of record or now cited, either alone or in combination, disclose or render obvious the subject matter claimed in the present application.

Applicant does not believe that any fees are due in connection with this response. However, if such petition is due or any fees are necessary, the Commissioner may consider this to be a request for such and charge any necessary fees to deposit account 23-3000.

Respectfully submitted,

WOOD, HERRON & EVANS, L.L.P.

BY Williams & allen

William R. Allen, Ph.D. Reg. No. 48,389

2700 Carew Tower Cincinnati, OH 45202 (513) 241-2324 SUBSTITUTE FOR PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. NOR/933A

SERIAL NO. 10/030,723

APR 2 2 2002

STATEMENT BY APPLICANT

APPLICANT

James Scott Tyler

January 11, 2002

FILING DATE

GROUP

(37 CFR (2.98(b))

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL			PA	TEN	IT N	IUM	IBEF	₹	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A.A	3	2	9	4	6	7	0	12/27/66	Charschan et al.	204	298	10/7/63	
	A.B	3	6	4	1	9	7	3	2/15/72	Shrader	118	49	11/25/70	
	A C	4	2	0	8	1	5	9	6/17/80	Uehara et al.	414	225		
	A D	4	2	5	2	5	9	5	2.24.81	Yamamoto et al.	156	345		
	ΑE	4	2	7	8	5	2	8	7, 14, 81	Kuehnle et al.	204	298	10/9/79	
	A.F	4	3	1	8	7	6	7	3/9/82	Hijikata et al.	156	345		
	A G	4	3	3	6	4	3	8	6/22/82	Uehara et al.	219	121PG	9/16/80	
	A.H	4	4	0	5	4	3	5	9/20/83	Tateishi et al.	204	298		
	A.I	4	4	1	8	6	3	9	12/6/83	Wills et al.	118	50	5/19/81	
	A.J	4	5	5	0	2	4	2	10/1985	Uehara et al.	156	345		
	АК	4	5	5	0	2	3	9	10/29/85	Uehara et al.	219	121PG	9/27/82	

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
A.L	DE 3935002	4/1991	Germany			Abstract Only
A.M	2828066	9/1998	Japan			Abstract Only
A.N	59-164696	9/1984	Japan			Abstract Only
A.O	04-123430	4/1992	Japan			Abstract Only
A.P	03-023137	1/1991	Japan			Abstract Only
A.Q	04-311044	11/1992	Japan			Abstract Only

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

A.R	Panasonic Factory Automation Company, <u>Plasma Cleaning Systems</u> , Brochure, 11/2000
A.S	Panasonic Factory Automation Company, Japanese Brochure, 11/2000
A.T	March Instruments, Inc., <u>In-Line Plasma System</u> , Brochure, 8/1995

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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	B.A	4	5	7	5	2	9	9	3/1986	Layton		414	222		
	B.B	4	5	8	4	0	4	5	4/1986	Richards		156	345		
	B.C	4	6	3	7	8	5	3	1/20/87	Bumble et al.	156		345		
	B.D	4	7	0	5	4	4	4	11/1987	Tullis et al.	118		729X		
	B.E	4	7	7	0	1	2	1	9/13/88	Ebata et al.		118	686		2/3/87
	B.F	4	8	1	6	6	3	8	3/28/89	Ukai et al.		219	121.43	3	10/20/87
	B.G	4	8	1	6	1	1	6	3/1989	Davis		156	643		
	в.н	4	8	4	0	7	0	2	6/20/89	Schumacher, III		156	643		12/29/87
	B.I	4	8	8	9	6	0	9	12/26/89	Canella		204	298		
	B.J	5	0	3	0	0	5	6	7/9/91	Kitayama et al.		414	749		7/23/90
	B.K	5 0 4 4 8 7					7	1	9/1991	Davis et al.		414	786		-
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	B.L	03	-159	914	3			7-1	991	Japan					Abstract Only
	В.М	6-2	2103	32				1/1	994	Japan					Abstract Only
	B.N														
	В.О														
	B.P														
	B.Q														

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

B.R March Instruments, Inc., <u>TAC Technology Advancement Center</u>, Brochure, 2/1995

B.S Materials Research Corporation, <u>1.12 Inline production magnetron sputtering</u>, Journal Article, 3 pages

B.T Von Dr.-Ing M. Nowottnick, Fraunhofer-Einrichtung für Zuverlassigkeit und Mikrointegration (IZM), Berlin, <u>Plasmabehandlung als umweltfreundliche Alternative in der Leiterplattenfertigung</u>, Galvanotechnik D-88348 Saulgau 86 (1995) Nr. 4; Journal Article, 6 pages

EXAMINER

DATE CONSIDERED

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	C.A	5	0	7	9	0	3	1	1/1992	Yamazaki et al.		118	729X			
	C.B	5	0	8	6	7	2	9	2/11/92	Katagiri		118	729		6/13/89	
	C.C	5	1	1	6	6	4	0	5/1992	Mikami et al.		118	719X			
	C.D	5	2	1	6	2	2	3	6/1/93	Straemke		219	121.43		2/25/91	
	C.E	5 2 5 9 9 4				4	2	11/1993	Kempf		204	298.25				
	C.F	5 2 8 6 2 9				9	6	2/1994	Sato		118	719				
	C.G	5	2	8	8	6	8	4	2/1994	Yamazaki et al.		118	723 E >	<		
	С.Н	5	2	9	2	3	9	3	3/1994	Maydan		156	345			
	C.I	5	3	0	2	0	7	7	4/1994	Sato		414	609			
	C.J	5	3	0	3	6	7	1	4/19/94	Kondo et al.		118	719			
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					6	9/6/94	Frei et al.	2	19	121.59		12/12/91				
	D.C					6	5	2/1995	Kakizaki et al.	1	18	730X				
	D.D						7	1	7/18/95	Morisako	2	28	180.5		10/13/93	
	D.E		5 4 8 0 0 5 2						1/2/96	Furr et al.	2	16	71		10/22/93	
	D.F	5 4 9 2 2 6 5							2/20/96	Wandke	2	228	205		12/20/94	
	D.G		5 5 1 5 9 8 6						5/1996	Turlot et al.	1	56	345X			
	D.H	5	5	4	2	5	5	9	8/6/96	Kawakami et al.	2	216	67		2/14/94	
	D.I	5	5	7	3	5	9	7	11/12/96	Lantsman	1	18	723MP			
	D.J	5	5	7	6	6	2	9	11/19/96	Turner et al.	3	324	709		10/24/94	
	D.K	5			Saito et al.	4	127	553								
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Substitute Disclosure Form (PTO-1449)

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	E.A	5	6	0	9	2	9	0	3/11/97	Bobbio et al.		228	206	206 4/20/95		
	E.B	5	6	3	4	7	6	5	6/3/97	Miyoshi		414	786		6/7/95	
	E.C	5	6	4	7	9	4	2	7/1997	Haji		156	281			
	E.D	5	7	0	7	4	8	5	1/13/98	Rolfson et al.		156	643.1	-	12/20/95	
	E.E	5 7 6 7 0 0				0	8	6/1998	Haji		438	612				
	E.F	5 7 7 9 8 0				0	7	7/1998	Dornfest et al.		134	1.2				
	E.G	5	8	2	3	4	1	6	10/20/98	Haji		228	4.5		7/9/96	
	E.H	5	9 5 8 5 1 0 9/				1	0	9/1991	Sivaramakrishnam et	al.	427	255.6			
	E.I	5	9	7	2	1	6	3	10/26/99	Haji		156	345		2/6/98	
	E.J	6	0	9	3	9	0	4	7/25/00	Haji		219	121.45		7/15/98	
	E.K	6 3 3 1 3 4			7	12/18/01	Haji		428	209		4/1/98				
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